MODIFIED PTO/SB/08a (05-07) Approved for use through 11/30/2007.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

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Application Number	10/522,680
Confirmation Number	1762
Filing Date	October 18, 2005
First Named Inventor	Osamu NOMURA
Art Unit	3752
Examiner Name	James Sean HOGAN
Attorney Docket Number	Q86054

	U.S. PATENTS							
Examiner Initials*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	1	4,730,754		1988-03-15	Buhr et al.			
	2	5,328,064	A1	1994-07-12	Nanba et al.			

		U.	S. PATENT	APPLICATION	PUBLICATIONS	
Examiner Initials*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1					

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Examiner Initials*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵
	1	7-23091	JP	Y2	1995-05-31			Corresponds to US 5,328,064
	2	400635	JP	U	1992-01-21			Abstract Corresponds to JP 7-23091
	3	3050101	JP	B2	2000-03-31			N
	4	8294757	JP		1996-11-12	KOBE STEEL LTD		Abstract Corresponds to JP 3050101
	5	6-269913	JP	А	1994-09-27	TOSHIBA CERAMICS CO		Abstract
	6	57-130745	JP	А	1982-08-13	NIPPON STEEL CORP		Abstract
	7	11-47896	JP	Α	1999-02-23	KOBE STEEL LTD		Abstract
	8	62-89566	JP	А	1987-04-24	KAWASAKI STEEL CO; SHINAGAWA REFRACTORIES CO., LTD.		Abstract
	9	61-72361	JP	U	1986-05-16			N
	10	62-207568	JP	Α	1987-09-11			Corresponds to US 4,730,754
	11	59-22913	JP	Y2	1984-07-09			N
	12	63-40670	JP	Α	1988-02-22	NIPPON KOKAN KK		Abstract
	13	2-41747	JP	А	1990-02-09	KAWASAKI STEEL CO		Abstract
	14	9-285852	JP	А	1997-11-04	NIPPON STEEL CORP		Abstract

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵	
	15	2000-237852	JP	А	2000-09-05	KYUSHU REFRACTORIES		Abstract	
	16	2000-237854	JP	Α	2000-09-05	KYUSHU REFRACTORIES		Abstract	

		NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	T⁵
	1		

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